

PRECRUISE NARRATIVE (Replaces PS1 Form)

Sale Name: San Poil	Region: Northeast
App. No.:	District: Highlands
Contact Forester: Shane Knowlton	Phone/ Location: (509) 223-4044/Loomis
Alternate Contact: Matt Ugaldea / Sam Steinshouer	Phone/ Location: (509) 223-4044/Loomis

UNIT ACREAGE AND METHOD OF DETERMINATION:

Unit No.	Legal Description Sec/Twn/Range	Gross Acres	Net Acres	Method of acreage Determination (compass, chain traverse, photo, declination used, etc.)	Error of Closure
1	S35 T37 R33E	33	31	GPS was used to determine perimeter and acreage. Harvest unit perimeter measurement yields 33 gross acres. 2 acres deducted within unit for existing roadbed.	GPS(Trimble)
2	S36 T37 R33E	43	41	GPS was used to determine perimeter and acreage. Harvest unit perimeter measurement yields 43 gross acres. 2 acres deducted within unit for existing roadbed and new construction. E373336A <i>Pre-haul: 3430 ft (25ft) = 1.98 acres</i>	GPS(Trimble)
3	S36 T37 R33E	39	38	GPS was used to determine perimeter and acreage. Harvest unit perimeter measurement yields 39 gross acres. 1 acre deducted within unit for existing roadbed. E373336A	GPS(Trimble)
4	S36 T37 R33E	74	74	GPS was used to determine perimeter and acreage. Harvest unit perimeter measurement yields 74 gross acres. No existing r/w within unit	GPS(Trimble)
5	S36 T37 RE	87	86	GPS was used to determine perimeter and acreage. Harvest unit perimeter measurement yields 87 gross acres. 1 acre deducted within unit for road abandonment. E373334A, E373336E, 36Y <i>New Const: 1245 ft. (25ft.) = .71 acres</i> <i>Abandon: 2200 ft (15ft) = .76 acres</i>	GPS(Trimble)
6	S36 T37 R33E	1	1	GPS was used to determine perimeter and acreage. Harvest unit perimeter measurement yields 1 gross acres. No new or existing road.	GPS(Trimble)
7	S36 T37 R33E	1	1	GPS was used to determine perimeter and acreage. Harvest unit perimeter measurement yields 1 gross acres. No new or existing road.	GPS(Trimble)
8	S36 T37 R33E	15	15	GPS was used to determine perimeter and acreage. Harvest unit perimeter measurement yields 15 gross acres. E373334A, E373336Y, 36E <i>New Const: 960 ft. (25ft.) = .55 acres</i> <i>Abandon: 345 ft. (15ft) = .12 acres</i>	GPS(Trimble)
Roads	S35 & 36 T37 R33E	.12	.12	Hand calculated using road stations x 25' r/w. .73 acres of ROW unit exterior. E373334A, 35E, E373336Y <i>Opt. Pre-haul: 1070 ft. (25ft) = .61 acres</i> <i>New Const: 205 ft (25ft.) = .12 acres</i> <i>Reconst: 504 ft. (25ft.) = .31 acres</i>	GPS(Trimble)
Total		293.12	287.12		

HARVEST PLAN AND SPECIAL CONDITIONS:

Unit No.	Harvest Prescription (mark leave, take, etc.)	Special Management Areas:	Other Conditions (# leave trees, etc.)
1	Mark leave on all species and leave all Douglas-fir, western larch greater than 28 inches DBH. Leave all Ponderosa Pine, snags and hardwoods. Slash all green unmarked conifers greater than 2ft in height. Approximately 438 reserve and legacy trees will be left in the unit. Blue paint.	None	Approximately 12 TPA will be left
2	Mark leave on all species and leave all Douglas-fir, western larch and ponderosa pine greater than 28 inches DBH. Leave all un-merchantable conifers, snags and hardwoods.	None	Approximately 20 TPA will be left

	Approximately 853 reserve and legacy trees will be left in the unit. Blue paint.		
3	Mark leave on all species and leave all Douglas-fir, western larch and ponderosa pine greater than 28 inches DBH. Leave all un-merchantable conifers, snags and hardwoods. Approximately 685 reserve and legacy trees will be left in the unit. Blue paint.	None	Approximately 18 TPA will be left
4	Mark leave on all species and leave all Douglas-fir, western larch greater than 28 inches DBH. Leave all ponderosa pine, snags and hardwoods. Slash all green unmarked conifers greater than 2ft in height. Approximately 804 reserve and legacy trees will be left in the unit. Blue paint.	None	Approximately 11 TPA will be left
5	Mark leave on all species and leave all Douglas-fir, western larch and ponderosa pine greater than 28 inches DBH. Leave all snags and hardwoods. Slash all green unmarked conifers greater than 2ft in height. Approximately 852 reserve and legacy trees will be left in the unit. Blue paint.	None	Approximately 10 TPA will be left
6	Mark take on all species within the inner zone of the type 3 rmz. Orange paint.	None	Approximately 148 trees exist, 15 trees will be removed.
7	Mark take on all species within the inner zone of the type 3 rmz. Orange paint.	None	Approximately 130 trees exist, 10 trees will be removed.
8	Mark leave on all species and leave all Douglas-fir, western larch and ponderosa pine greater than 28 inches DBH. Leave all un-merchantable conifers, snags and hardwoods. Approximately 907 reserve and legacy trees will be left in the unit. Blue paint.	None	Approximately 23 TPA will be left.

**OTHER PRECRUISE INFORMATION:**

Unit No.	Estimated Volume	Access Information (gates, locks, etc.)	Required Photos, Travers Maps Required	Grants
1	288mbf	Access on the E373334A off the Jack Mays Pride Road. Gate on private property locked with a State best lock restricts access to the sale area.	Maps with nested points, Photo	03
2	369mbf	“ “	Maps with nested points, Photo	03
3	304mbf	“ “	Maps with nested points, Photo	03
4	740mbf	“ “	Maps with nested points, Photo	03
5	1032mbf	“ “	Maps with nested points, Photo	03
6	.5mbf	“ “	Maps with nested points, Photo	03
7	.5mbf	“ “	Maps with nested points, Photo	03
8	112mbf	“ “	Maps with nested points, Photo	03
Roads	1mbf	“ “	GPS map, Photo	03
Total	2,847mbf			

**REMARKS:**

<p>This sale has 2 separate CMER study site units associated with it, unit 6 and unit 7. These sites were broken up into timber sale units to keep them separate from the timber sale. Both units have been flagged in red, tagged with timber sale boundary tags and gps’d. This will be a harvest of the inner zone only on 1000 ft of the stream on either side. Each unit is approximately 1 acre in size. No harvest will occur in the core zone. These units are painted take in orange paint. A timber tally and site summary are attached to the forest practice application and is available upon request.</p>
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Prepared by: Shane Knowlton  
Title: Forester  
c: \_\_\_\_\_

data\forms\precruise narrative.doc

Cruise Narrative

Sale Name:	San Poil	Region:	NORTHEAST
App. #:	78812	District:	HIGHLANDS
Lead cruiser:	M.G. Coleman	Completion date:	05/17/06
Other cruisers on sale:	Dan Griggs		

Unit acreage specifications:

Unit #	Cruised acres	Cruised acres agree with sale acres? Yes/No	If acres do not agree explain why.
1	32	YES	
2	41	YES	
3	38	YES	
4	74	YES	
5	86	YES	
6	1	YES	
7	1	YES	
8	15	YES	
9	1	YES	
Total	289		

Unit cruise specifications:

Unit #	Sample type (VP, FP, ITS,100%)	Expansion factor (BAF, full/half)	Sighting height (4.5 ft, 16 ft.)	Grid size (Plot spacing or % of area)	Plot ratio (cruise: count)	Total number of plots
1	VP	33.61/134 .44/FULL	4.5	334'X167'	DOUBLE BA/1:3	24
2	VP	27.78/111 .11/FULL	4.5	334'X167'	DOUBLE BA/1:3	31
3	VP	27.78/111 .11/FULL	4.5	334'X167'	DOUBLE BA/1:3	29
4	VP	33.61/134 .11/FULL	4.5	334'X167'	DOUBLE BA/1:3	54
5	VP	33.61/134 .44/FULL	4.5	334'X167'	DOUBLE BA/1:3	64
6	100%	N/A	N/A	N/A	N/A	N/A
7	100%	N/A	N/A	N/A	N/A	N/A
8	VP	33.61/134 .44/FULL	4.5	334'X167'	DOUBLE BA/1:3	11
9	100%	N/A	N/A	N/A	N/A	N/A
						213 TOTAL

Sale/Cruise Description:

Minor species cruise intensity:	The first tree of all minor species encountered with the smaller BAF was graded; then followed through with the 1:3 ratio with the larger BAF.
Minimum cruise spec:	PP: 8.0"-17.5" dbh to a 5.6"dib top;17.6" and greater dbh to a 40% of dob at 16".

	All other species;7.0"-17.5"to a 4.6" dib top,17.6" and greater dbh to 40% of dob at 16'.					
Avg ring count by sp:	DF =	N/A	WH =	N/A	SS =	N/A
Leave/take tree description:	Leave all Douglas Fir, Western Larch and Ponderosa Pine with a DBH of 28" or greater.Leave all Ponderosa Pine in units 1 &4.Harvest all timber not marked with blue paint in units1,2,3,4,5,& 8. Harvest all timber marked with orange paint in units 6&7.					
Other conditions						

**Field observations:**

The San Poil timber sale is located in north-central Ferry County 6 miles east of Republic,Washington ,along the Middle Fork Sanpoil.These parcels are situated on north-south aspects from 3000 to 4000 feet evelation. All units are well suited to ground-based harvest operations.The majority of the volume is comprised of fair quality second-growth Douglas Fir, with minor components of Western Larch,Engleman Spruce and Ponderosa Pine.

Prepared by: M.G.Coleman *MGC*  
Title: Check Cruiser 1  
CC: File App.#78812;Shane Knowlton Highlands District Unit Forester.

TC		PSPCSTGR Species, Sort Grade - Board Foot Volumes (Project)																		
T37N R33E S35 Ty00U1 THRU T37N R33E S36 Ty00U8						Project: SANPOIL						Page 1								
						Acres 289.00						Date 5/23/2006 Time 10:12:48AM								
S Spp	So T	Gr rt	ad	% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent of Net Board Foot Volume								Average Log			Logs Per /Acre
									Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf	
									4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99				
DF	D	2		13	3.9	1,082	1,039	300			86	14	100				16	102	1.36	10.2
DF	D	3		21	5.5	1,697	1,604	463		81	19		100				16	67	0.85	24.1
DF	D	4		66	4.4	5,275	5,042	1,457	33	66	0		100				13	18	0.32	273.6
DF Totals				79	4.6	8,053	7,685	2,221	22	60	16	2	100				13	25	0.41	307.9
WL	D	2		17	10.3	230	206	60			100		100				16	85	1.11	2.4
WL	D	3		25	3.4	317	306	89		100			100				16	61	0.73	5.0
WL	D	4		57	.3	694	692	200	34	66			100				12	17	0.29	40.2
WL	S	M		1		1	1	0				100	100				17	200	2.23	.0
WL Totals				12	2.9	1,241	1,205	348	20	63	17	0	100				12	25	0.40	47.7
ES	D	3		9	5.1	28	27	8		2	92	6	100				16	90	1.03	.3
ES	D	4		91	.5	256	255	74	21	79			100				15	25	0.35	10.1
ES Totals				3	1.0	285	282	81	19	72	9	1	100				15	27	0.37	10.4
PP	D	4		24		123	123	35		17	83		100				16	88	1.12	1.4
PP	D	5		76	6.0	398	374	108		80	20		100				16	37	0.51	10.1
PP Totals				5	4.6	521	497	144		64	36		100				16	43	0.58	11.5
Totals					4.3	10,100	9,668	2,794	20	61	17	2	100				13	26	0.42	377.5

MHColeman

TC PSTATS			PROJECT STATISTICS							PAGE	1
			PROJECT SANPOIL							DATE	5/23/2006
TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt	
37N	33E	35	UNIT 1	00U1	THR	289.00	216	611	S	E	
37N	33E	36	UNIT 8	00U8							
			PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES				
TOTAL			216	611	2.8						
CRUISE			110	198	1.8	35,300	.6				
DBH COUNT											
REFOREST											
COUNT			78	186	2.4						
BLANKS			28								
100 %											
STAND SUMMARY											
SAMPLE TREES			TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR			142	103.6	11.1	62	20	69.7	8,053	7,685	1,667
W LARCH			22	12.0	11.1	80		8.1	1,241	1,205	236
E SPRUCE			28	3.5	10.1	70		2.0	285	282	56
P PINE			6	3.0	15.7	63		4.0	521	497	108
TOTAL			198	122.1	11.2	64		83.8	10,100	9,668	2,067
										2,067	2,043
CONFIDENCE LIMITS OF THE SAMPLE											
68.1 TIMES OUT OF 100 THE VOLUME WILL BE WITHIN THE SAMPLE ERROR											
CL	68.1	COEFF		SAMPLE TREES - BF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
DOUG FIR		99.9	8.5	116	127	137					
W LARCH		94.4	20.6	118	149	179					
E SPRUCE		119.4	23.4	95	124	153					
P PINE				234	234	234					
TOTAL		98.8	7.1	122	132	141	390	98	43		
CL	68.1	COEFF		SAMPLE TREES - CF				# OF TREES REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
DOUG FIR		91.4	7.7	25	27	29					
W LARCH		91.6	20.0	23	29	35					
E SPRUCE		118.1	23.1	18	24	29					
P PINE				50	50	50					
TOTAL		91.9	6.6	26	28	29	337	84	37		
CL	68.1	COEFF		TREES/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
DOUG FIR		65.1	4.4	99	104	108					
W LARCH		243.7	16.6	10	12	14					
E SPRUCE		513.2	34.9	2	4	5					
P PINE		362.0	24.6	2	3	4					
TOTAL		46.5	3.2	118	122	126	86	22	10		
CL	68.1	COEFF		BASAL AREA/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
DOUG FIR		57.1	3.9	67	70	72					
W LARCH		218.9	14.9	7	8	9					
E SPRUCE		498.8	33.9	1	2	3					
P PINE		351.0	23.9	3	4	5					
TOTAL		35.9	2.4	82	84	86	51	13	6		
CL	68.1	COEFF		NET BF/ACRE				# OF PLOTS REQ.		INF. POP.	
SD:	1.0	VAR.%	S.E.%	LOW	AVG	HIGH		5	10	15	
DOUG FIR		62.6	4.3	7,358	7,685	8,011					
W LARCH		224.2	15.2	1,021	1,205	1,389					
E SPRUCE		518.0	35.2	183	282	381					
P PINE		358.8	24.4	376	497	618					



TC PSTATS				PROJECT STATISTICS						PAGE	2
				PROJECT SANPOIL						DATE	5/23/2006
TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt	
37N	33E	35	UNIT 1	00U1	THR	289.00	216	611	S	E	
37N	33E	36	UNIT 8	00U8							
CL	68.1		COEFF	NET BF/ACRE				# OF PLOTS REQ.	INF. POP.		
SD:	1.00		VAR.	S.E.%	LOW	AVG	HIGH	5	10	15	
TOTAL			40.6	2.8	9,401	9,668	9,935	66	16	7	
CL	68.1		COEFF	NET CUFT FT/ACRE				# OF PLOTS REQ.	INF. POP.		
SD:	1.0		VAR.%	S.E.%	LOW	AVG	HIGH	5	10	15	
DOUG FIR			60.8	4.1	1,576	1,644	1,712				
W LARCH			225.9	15.4	199	236	272				
E SPRUCE			509.4	34.6	37	57	76				
P PINE			355.0	24.1	82	108	133				
TOTAL			39.4	2.7	1,989	2,043	2,098	62	15	7	





TC PLOGSTVB				Log Stock Table - MBF																
T37N R33E S35 Ty00U1 THRU T37N R33E S36 Ty00U8				Project: SANPOIL				Page 1												
				Acres 289.00				Date 5/23/2006												
								Time 10:12:47AM												
S T Spp	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches												
								2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+	
DF	D	2	16	313	3.9	300	13.5					158	78	64						
DF	D	3	16	490	5.5	463	20.9					374	57	19	13					
DF	D	4	5	16		16	.7		16											
DF	D	4	6	28	6.9	26	1.2		26											
DF	D	4	7	2		2	.1		2											
DF	D	4	8	26		26	1.2		23	3										
DF	D	4	9	13		13	.6		13	0										
DF	D	4	10	16	13.2	14	.6		12	2										
DF	D	4	11	33	2.5	32	1.4		29	3										
DF	D	4	12	13	24.5	10	.4		10											
DF	D	4	13	11		11	.5		10	1										
DF	D	4	14	13	9.6	12	.5		12											
DF	D	4	15	58		58	2.6		56	2										
DF	D	4	16	1,281	4.5	1,223	55.0		276	520	385	37	5							
DF	D	4	18	3		3	.2		1	2										
DF	D	4	20	12		12	.6			4	8									
DF	Totals			2,327	4.6	2,221	79.5		485	537	393	411	220	98	77					
WL	D	2	16	66	10.3	60	17.1					46	13	0						
WL	D	3	16	92	3.4	89	25.4					89								
WL	D	4	5	2		2	.7		2											
WL	D	4	7	0		0	.0		0											
WL	D	4	8	6		6	1.7		6											
WL	D	4	9	4		4	1.2		4											
WL	D	4	10	1		1	.3		1											
WL	D	4	11	4		4	1.2		4											
WL	D	4	12	2		2	.5		2											
WL	D	4	13	1		1	.4		1											
WL	D	4	14	2	24.6	2	.5		1	1										
WL	D	4	16	177		177	50.9		47	60	71									
WL	S	M	17	0		0	.1						0							
WL	Totals			359	2.9	348	12.5		68	60	71	89	46	13	0					
ES	D	3	16	8	5.1	8	9.6					0	7	0	1					
ES	D	4	7	0		0	.0		0											
ES	D	4	8	0		0	.0		0											

TC PLOGSTVB										Log Stock Table - MBF													
<div>T37N R33E S35 Ty00U1 THRU T37N R33E S36 Ty00U8</div>										Project: SANPOIL										Page 2			
										Acres 289.00										Date 5/23/2006			
																				Time 10:12:47AM			
S T Spp	So rt	Gr de	Log Len	Gross MBF	Def %	Net MBF	% Spc	Net Volume by Scaling Diameter in Inches															
								2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-19	20-23	24-29	30-39	40+				
ES	D	4	11	0		0	.0		0														
ES	D	4	13	1		1	1.3		1														
ES	D	4	14	1		1	.9		1														
ES	D	4	15	3		3	3.2		3														
ES	D	4	16	70		69	84.9		11	24	26	9											
ES	D	4	20	0		0	.0			0													
ES	Totals			82	1.0	81	2.9		15	24	26	9	7	0	1								
PP	D	4	16	35		35	24.7					6	18	11									
	D	5	10	1		1	.7			1													
PP	D	5	14	2	100.0																		
PP	D	5	16	106	4.7	101	70.1			13	31	34	22										
PP	D	5	19	4		4	3.1			4													
PP	D	5	20	2		2	1.4			2													
PP	Totals			151	4.6	144	5.1			21	31	40	40	11									
Total	All Species			2,919	4.3	2,794	100.0		569	641	521	549	313	122	78								

T		TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page		1						
				Project: SANPOIL										Date		5/23/2006						
														Time		10:13:52AM						
T37N R33E S35 T00U1										T37N R33E S35 T00U1												
Twp		Rge		Sec		Tract		Type		Acres		Plots		Sample Trees		CuFt		BdFt				
37N		33E		35		UNIT 1		00U1		32.00		24		17		S		E				
S So Gr Spp T rt ad				%	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre		
				Net BdFt					Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf			
DF				D	3	12	674	674	22	100				100				16	70	0.94	9.6	
DF				D	4	88	1.0	4,965	4,915	157	29 71				100				11	16	0.33	303.6
DF				Totals		74	.9	5,639	5,589	179	26 74				100				11	18	0.35	313.2
WL				D	2	55	16.7	1,279	1,066	34	100				100				16	75	1.05	14.2
WL				D	3	22	426	426	14	100				100				16	60	0.67	7.1	
WL				D	4	23	426	426	14	17 83		100				12	20	0.33	21.3			
WL				Totals		26	10.0	2,132	1,919	61	4 41 56		100				14	45	0.67	42.6		
Type Totals						3.4	7,771	7,508	240	20 66 14		100				12	21	0.40	355.9			

T		TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page		1					
Project:														SANPOIL				Date		5/23/2006	
														Time		10:13:52AM					
T37N R33E S36 T00U2														T37N R33E S36 T00U2							
Twp		Rge		Sec		Tract		Type		Acres		Plots		Sample Trees		CuFt		BdFt			
37N		33E		36		UNIT 2		00U2		41.00		31		28		S		E			
S So Gr Spp T rt ad				%	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre	
									Log Scale Dia.				Log Length				Ln	Bd	CF/ Lf		
				Net BdFt					4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	Ft			
DF		D		2		15	18.4	1,334	1,089	45		71	29	100			16	89	1.53	12.3	
DF		D		3		19	15.5	1,568	1,325	54		72	28	100			16	61	0.93	21.6	
DF		D		4		66	2.9	4,745	4,606	189	31	69		100			12	18	0.35	261.2	
DF		Totals				85	8.2	7,647	7,020	288	20	59	16	5	100		12	24	0.47	295.0	
PP		D		4		86		616	616	25	24	76		100			16	83	1.07	7.4	
PP		D		5		14		99	99	4	100			100			13	20	0.38	4.9	
PP		Totals				9		715	715	29	34	66		100			15	58	0.83	12.3	
WL		D		4		100		513	513	21	60	40		100			8	10	0.20	51.3	
WL		Totals				6		513	513	21	60	40		100			8	10	0.20	51.3	
Type Totals							7.1	8,875	8,248	338	21	56	19	4	100		12	23	0.46	358.7	



T37N R33E S36 T00U3

TwpRgeSecTractTypeAcresPlotsSample TreesCuFt

37N33E36UNIT 300U338.002925SE

T37N R33E S36 T00U3

BdFt

E

Spp	S	So	Gr	%	Bd. Ft. per Acre			Total	Percent Net Board Foot Volume								Average Log			Logs Per /Acre
									Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf	
					Def%	Gross	Net		Net MBF	4-5	6-11	12-16	17+	12-20	21-30	31-35				
DF		D	2	25		2,646	2,646	101			90	10	100				16	112	1.33	23.7
DF		D	3	29	1.0	2,954	2,925	111			85	15	100				16	69	0.80	42.6
DF		D	4	46	3.4	4,899	4,733	180	18	82			100				14	22	0.35	214.2
DF		Totals		81	1.9	10,498	10,303	392	8	62	27	2	100				14	37	0.52	280.5
PP		D	5	100	7.0	1,850	1,720	65			66	34	100				16	40	0.55	42.6
PP		Totals		14	7.0	1,850	1,720	65			66	34	100				16	40	0.55	42.6
WL		D	3	37	14.3	292	251	10			100		100				16	60	0.94	4.2
WL		D	4	63		418	418	16	10	90			100				15	25	0.36	16.7
WL		Totals		5	5.9	710	668	25	6	94			100				15	32	0.48	20.9
Type Totals					2.8	13,059	12,692	482	7	64	27	2	100				15	37	0.52	344.0

T37N R33E S36 T00U4  
Twp        Rge        Sec        Tract        Type        Acres        Plots        Sample Trees        CuFt        T37N R33E S36 T00U4  
37N        33E        36        UNIT 4        00U4        74.00        54        39        S        BdFt  
E

Spp	S	So	Gr	%	Bd. Ft. per Acre			Total	Percent Net Board Foot Volume								Average Log			Logs Per /Acre		
									Net BdFt	Def%	Gross	Net	Net MBF	Log Scale Dia.				Log Length				Ln Ft
					4-5	6-11	12-16							17+	12-20	21-30	31-35	36-99				
DF		D	2	9	2.2	570	557	41			52	48	100				16	114	1.41	4.9		
DF		D	3	12	9.3	827	750	56		80	20		100				16	66	0.86	11.3		
DF		D	4	79	6.1	5,165	4,850	359	39	61			100				13	18	0.29	276.5		
DF		Totals		70	6.2	6,562	6,157	456	31	58	7	4	100				13	21	0.34	292.7		
WL		D	2	13		250	250	18			100		100				16	117	1.28	2.1		
WL		D	3	22	1.6	442	435	32		100			100				16	62	0.73	7.0		
WL		D	4	65	.6	1,237	1,229	91	32	68			100				12	19	0.31	63.1		
WL		Totals		22	.7	1,928	1,914	142	21	66	13		100				13	26	0.40	72.2		
ES		D	4	100		682	682	50	20	80			100				16	30	0.37	22.9		
ES		Totals		8		682	682	50	20	80			100				16	30	0.37	22.9		
Type Totals					4.6	9,172	8,753	648	28	61	8	3	100				13	23	0.35	387.7		

T37N R33E S36 T00U5

TwpRgeSecTractTypeAcresPlotsSample TreesCuFt

37N33E36UNIT 500U586.006441S

T37N R33E S36 T00U5

BdFt

E

Spp	S	So	Gr	%	Bd. Ft. per Acre			Total	Percent Net Board Foot Volume								Average Log			Logs
									Log Scale Dia.				Log Length				Ln	Bd	CF/	
					Def%	Gross	Net		Net MBF	4-5	6-11	12-16	17+	12-20	21-30	31-35				
DF		D	2	13	1.2	1,323	1,308	112	100				100				16	97	1.30	13.5
DF		D	3	26	4.4	2,682	2,565	221	79		21		100				16	67	0.84	38.4
DF		D	4	61	5.6	6,351	5,998	516	34	66	1		100				13	20	0.32	305.9
DF	Totals			86	4.7	10,357	9,871	849	20	60	19		100				14	28	0.43	357.9
WL		D	2	8		78	78	7	100				100				16	80	1.09	1.0
WL		D	3	40	2.8	397	385	33	100				100				16	60	0.70	6.4
WL		D	4	52		492	492	42	35	65		100				14	22	0.30	22.5	
WL	Totals			8	1.2	967	956	82	18	74	8		100				15	32	0.42	29.9
PP		D	4	20		119	119	10	100				100				16	100	1.25	1.2
PP		D	5	80	4.8	474	451	39	100				100				16	36	0.47	12.7
PP	Totals			5	3.8	592	570	49	79		21		100				16	41	0.54	13.9
ES		D	4	100		71	71	6	17	83		100				15	20	0.29	3.6	
ES	Totals			1		71	71	6	17	83		100				15	20	0.29	3.6	
Type Totals					4.3	11,988	11,468	986	19	63	18		100				14	28	0.43	405.2

T		TSPCSTGR		Species, Sort Grade - Board Foot Volumes (Type)										Page 1						
				Project: SANPOIL										Date 5/23/2006						
														Time 10:13:52AM						
T37N R33E S36 T00U6														T37N R33E S36 T00U6						
Twp		Rge		Sec		Tract		Type		Acres		Plots		Sample Trees		CuFt		BdFt		
37N		33E		36		UNIT 6		00U6		1.00		1		13		S		E		
S So Gr Spp T rt ad				% Net BdFt	Bd. Ft. per Acre Def% Gross Net			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre
									Log Scale Dia.				Log Length				Ln	Bd	CF/ Lf	
									4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	Ft		
ES		D		4		100	5.4	370	350	0	46	54	100				16	21	0.23	17.0
ES		Totals				71	5.4	370	350	0	46	54	100				16	21	0.23	17.0
DF		D		4		100		60	60	0	67	33	100				16	20	0.21	3.0
DF		Totals				12		60	60	0	67	33	100				16	20	0.21	3.0
WL		D		4		100		80	80	0	25	75	100				16	27	0.32	3.0
WL		Totals				16		80	80	0	25	75	100				16	27	0.32	3.0
Type Totals						3.9	510	490	0	45	55	100				16	21	0.24	23.0	





T37N R33E S36 T00U7

TwpRgeSecTractTypeAcresPlotsSample TreesCuFt

37N33E36UNIT 700U71.00110SE

T37N R33E S36 T00U7

BdFt

E

S Spp	So T	Gr rt	Gr ad	% Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre
					Def%	Gross	Net		Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf	
DF		D	4	100	19.0	210	170	0	53	47			100				16	15	0.21	11.0
DF		Totals		85	19.0	210	170	0	53	47			100				16	15	0.21	11.0
WL		D	4	100	40.0	50	30	0	33	67			100				15	10	0.15	3.0
WL		Totals		15	40.0	50	30	0	33	67			100				15	10	0.15	3.0
Type Totals					23.1	260	200	0	50	50			100				16	14	0.19	14.0

T37N R33E S36 T00U8

TwpRgeSecTractTypeAcresPlotsSample TreesCuFt

37N33E36UNIT 800U815.00116S

T37N R33E S36 T00U8

BdFt

E

Spp	S	So	Gr	%	Net BdFt	Bd. Ft. per Acre			Total Net MBF	Percent Net Board Foot Volume								Average Log			Logs Per /Acre
										Log Scale Dia.				Log Length				Ln Ft	Bd Ft	CF/ Lf	
						Def%	Gross	Net		4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99				
DF		D	4	100		3,725	3,725	56	63	37			100				11	15	0.25	248.3	
DF		Totals			59		3,725	3,725	56	63	37			100			11	15	0.25	248.3	
ES		D	3	28	5.6	448	423	6			100		100				16	85	0.97	5.0	
ES		D	4	72	2.3	1,087	1,062	16	26	74			100				11	18	0.33	59.4	
ES		Totals			24	3.2	1,535	1,485	22	18	53	28		100			12	23	0.40	64.3	
WL		D	4	100		1,050	1,050	16	50	50			100				9	10	0.21	105.0	
WL		Totals			17		1,050	1,050	16	50	50			100			9	10	0.21	105.0	
Type Totals					.8	6,310	6,260	94	50	43	7		100				10	15	0.27	417.7	



T37N R33E S36 T00U9

T37N R33E S36 T00U9

Twp37N

Rge33E

Sec36

TractR/W

Type00U9

Acres1.00

Plots1

Sample Trees19

CuFtS

BdFtE

Spp	S	So	Gr	%	Bd. Ft. per Acre			Total	Percent Net Board Foot Volume								Average Log			Log		
									Net	Def%	Gross	Net	Net MBF	Log Scale Dia.				Log Length				Ln
					4-5	6-11	12-16							17+	12-20	21-30	31-35	36-99	Ft		Ft	
DF		D	2	69		1,410	1,410	1			85	15		100			16	128	1.45	11		
DF		D	3	17	2.9	340	330	0		76	24		100			16	66	0.79	5			
DF		D	4	14		280	280	0	25	75			100			14	22	0.36	13			
DF		Totals		41	.5	2,030	2,020	2	3	23	63	10	100			15	70	0.88	29			
ES		D	3	66	3.3	1,510	1,460	1		10	57	34	100			16	122	1.37	12			
ES		D	4	34	1.4	740	730	1	11	89			100			15	27	0.38	27			
ES		Totals		45	2.7	2,250	2,190	2	4	36	38	22	100			15	56	0.70	39			
WL		D	2	40		270	270	0			100		100			16	135	1.36	2			
WL		D	3	10		70	70	0		100			100			16	70	0.86	1			
WL		D	4	20		130	130	0	31	69			100			14	22	0.33	6			
WL		S	M	30		200	200	0				100	100			17	200	2.23	1			
WL		Totals		14		670	670	1	6	24	40	30	100			15	67	0.83	10			
Type Totals					1.4	4,950	4,880	5	4	29	49	18	100			15	63	0.78	78			